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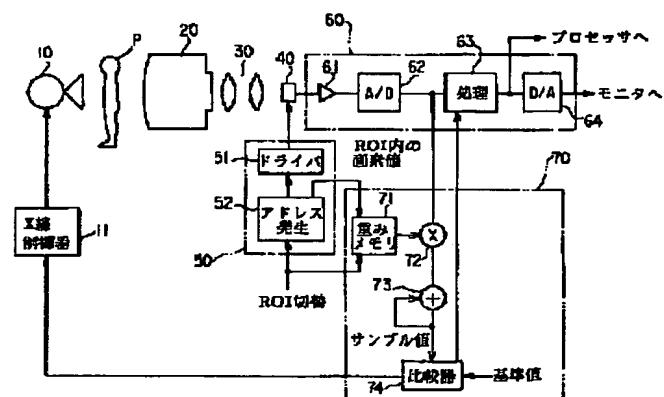
APPLICATION DATE : 21-12-93
APPLICATION NUMBER : 05320716

APPLICANT : TOSHIBA MEDICAL ENG CO LTD:

INVENTOR : NAGAI SEIICHIRO;

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TITLE : RADIODIAGNOSTIC DEVICE



ABSTRACT : PURPOSE: To provide a radiodiagnostic device capable of eliminating a bad effect on image quality by a front lighting type flat detector or photo pickup, and providing a proper exposure without performing a test exposure.

CONSTITUTION: In a radiodiagnostic device having a radiation exposing means 10, an image intensifier 20 for converting the radiographic image into an optical image, and a TV camera 40 for photographing the optical image, the device is provided with a nondestructive readable solid image pickup element integrated into the TV camera 40 and a means 73 for adding the picture element value of the image by the nondestructive reading from the solid image pickup element. This device is further provided with a means 74 for stopping radiation exposure when the picture element integrated by the integrating means 73 exceeds a prescribed value, and means 50, 60 for reading the image information stored in the solid image pickup element after stopping the exposure.

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